

•

. .

..

.

.

..

..

..

. .

..

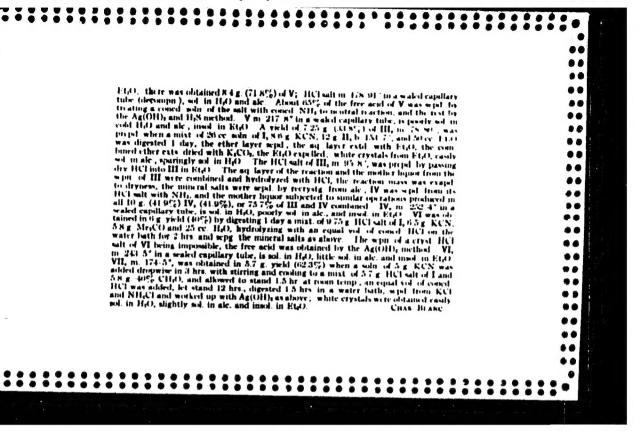
. .

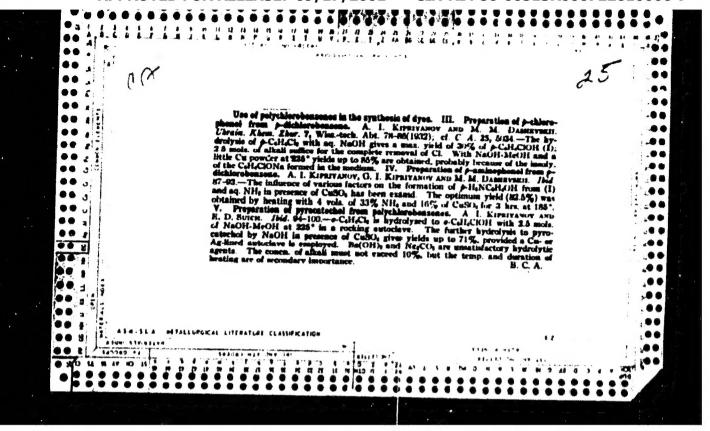
..

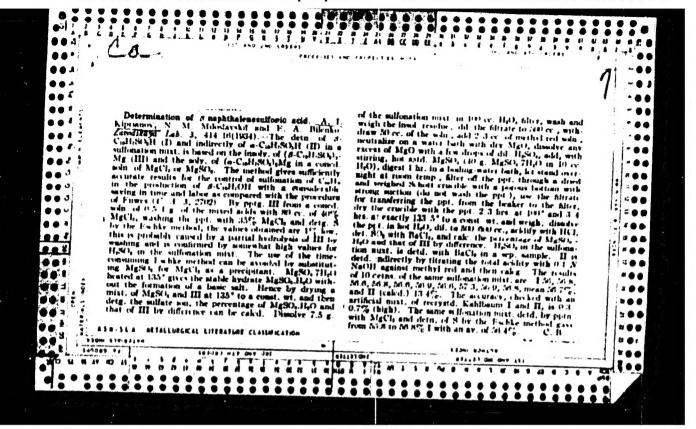
\*\*

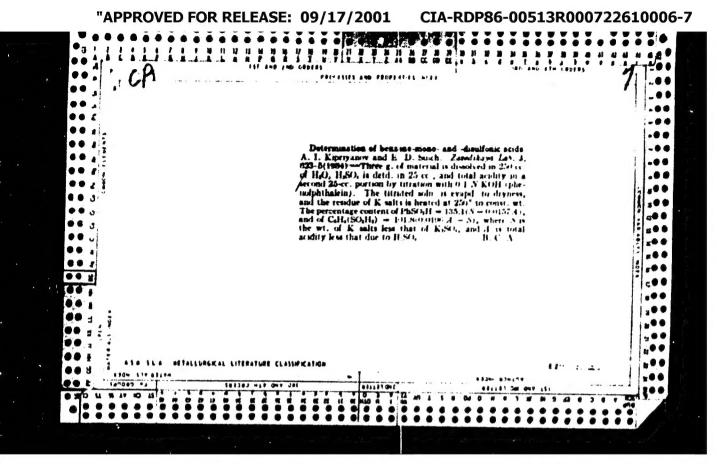
••

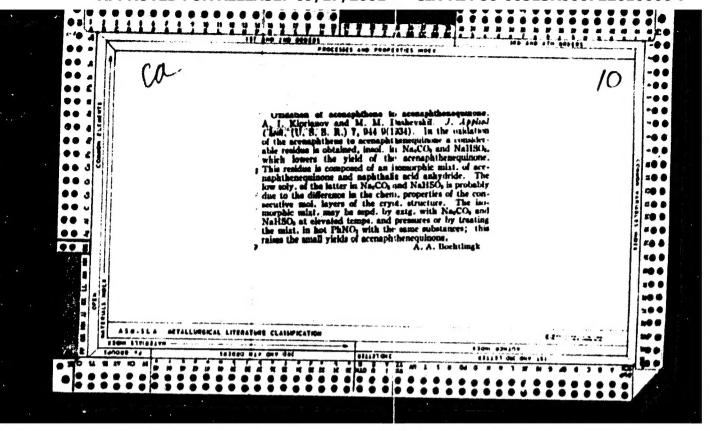
.

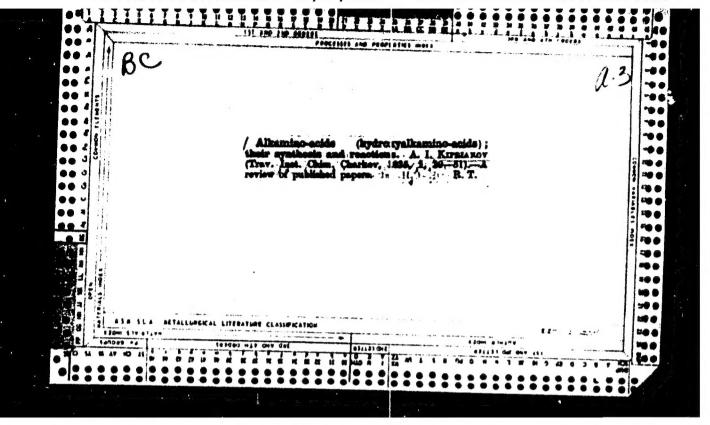


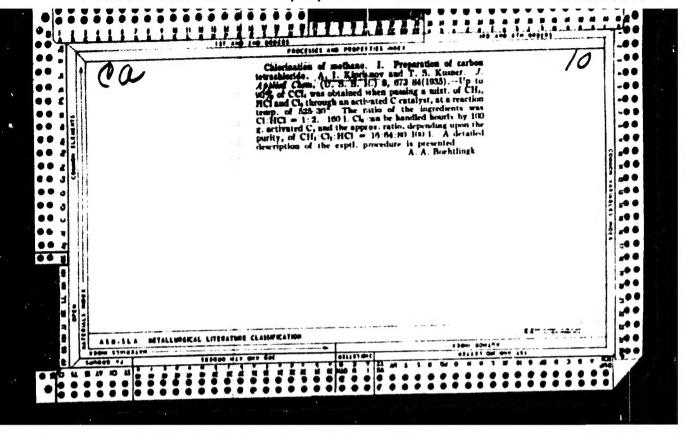


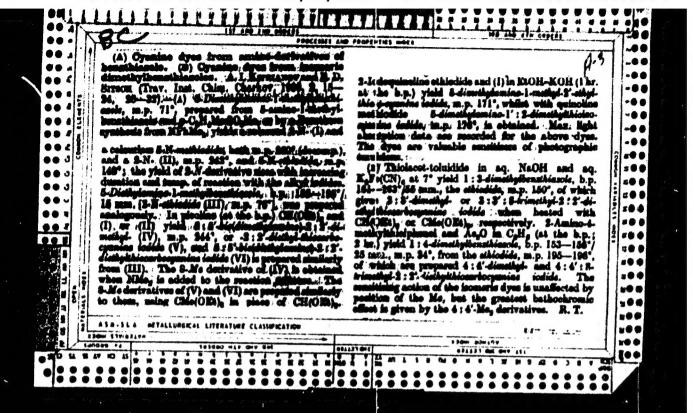


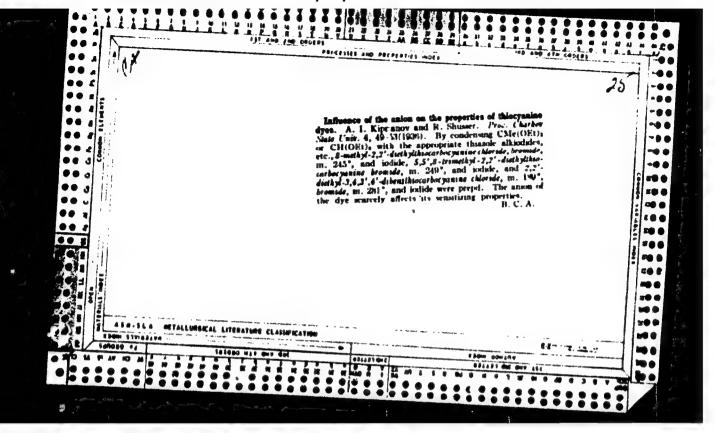


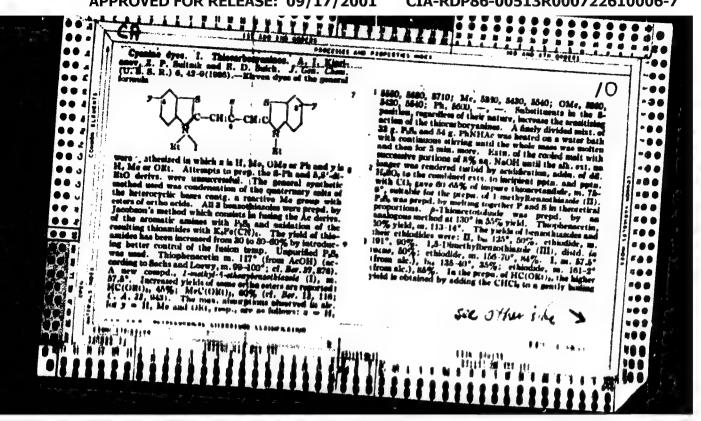


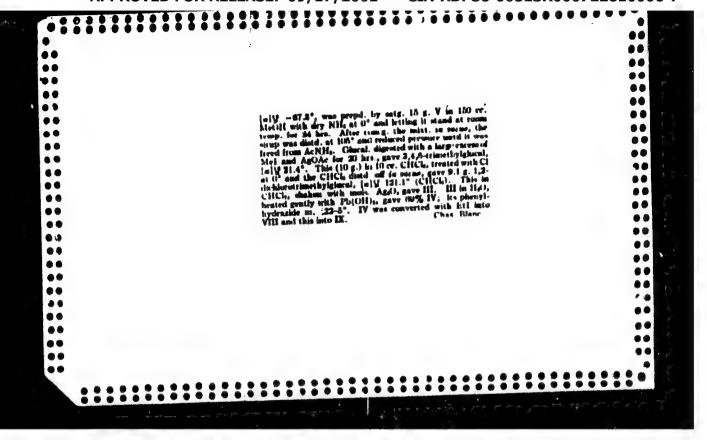


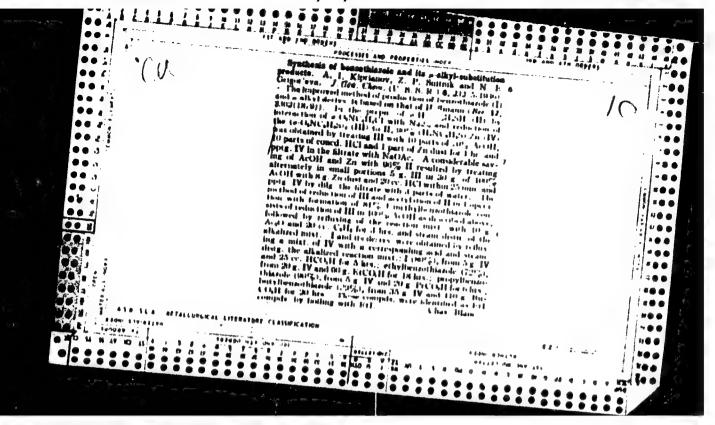


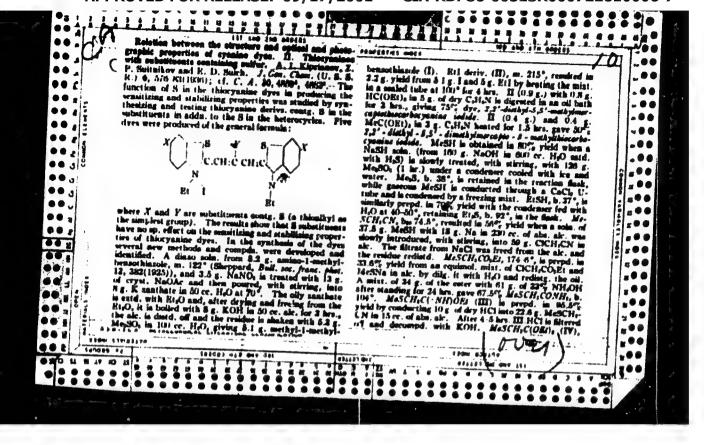


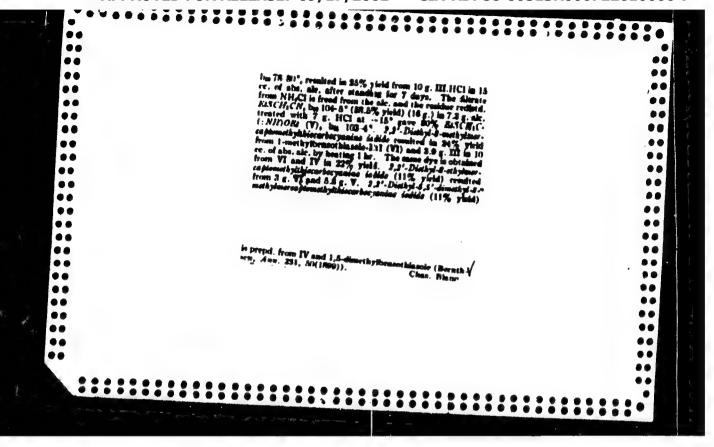




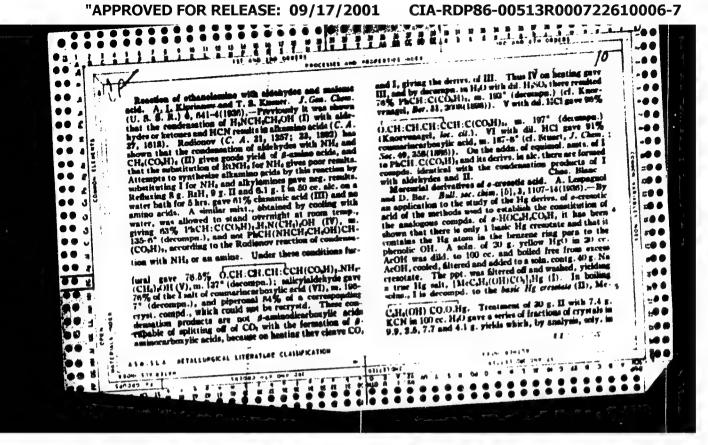


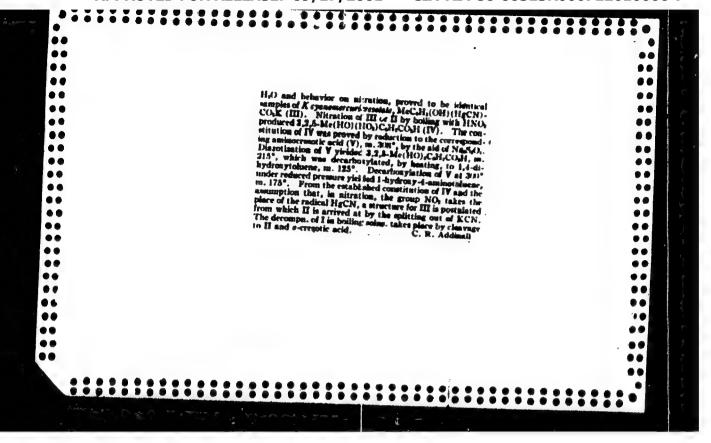


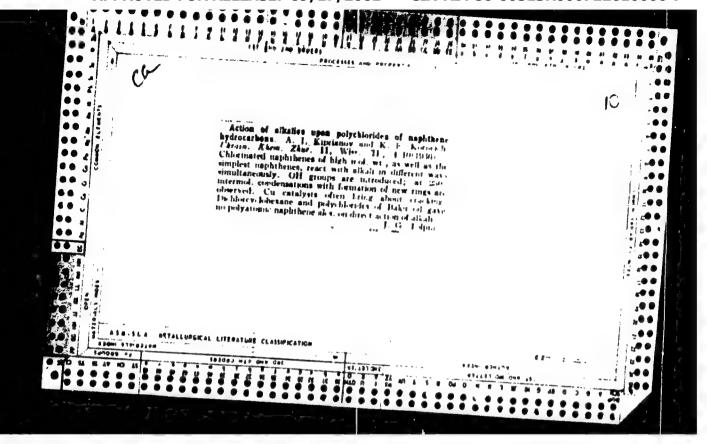


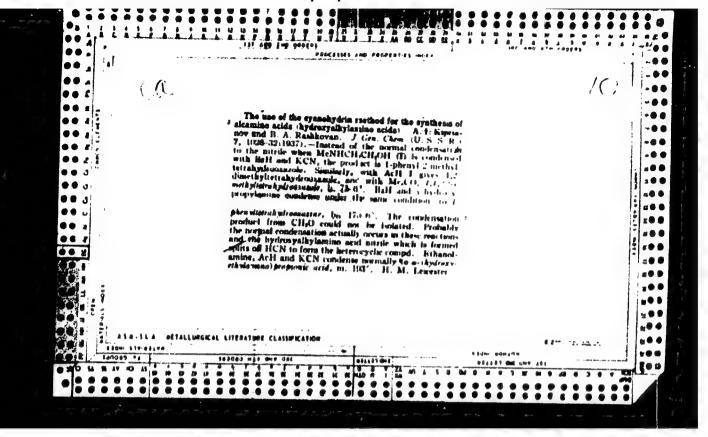


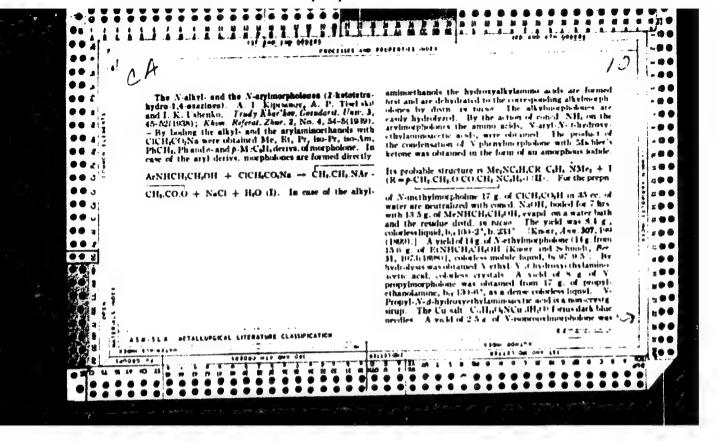
#### CIA-RDP86-00513R000722610006-7 "APPROVED FOR RELEASE: 09/17/2001

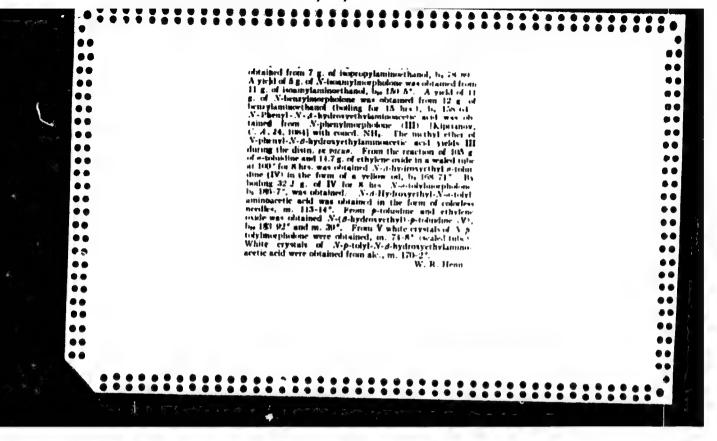


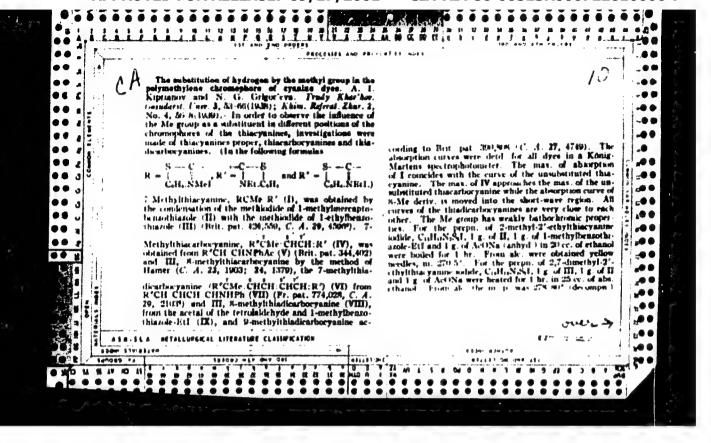


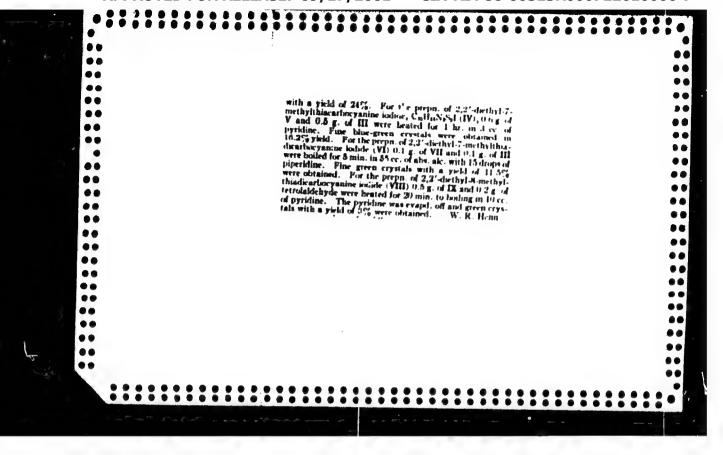


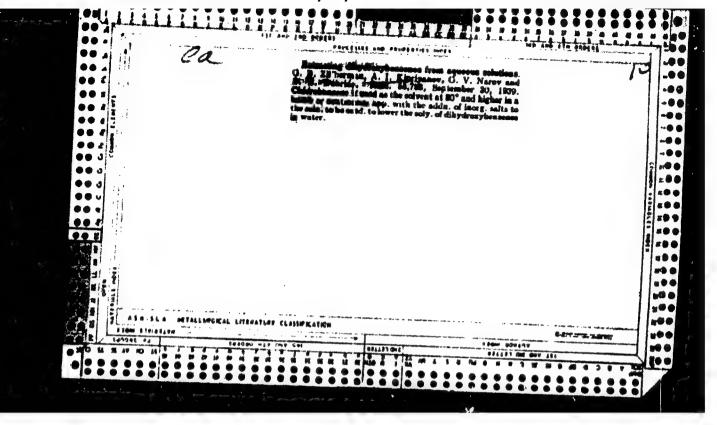


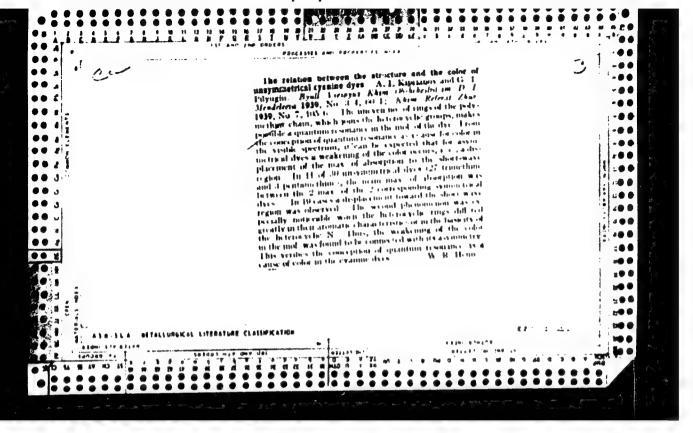


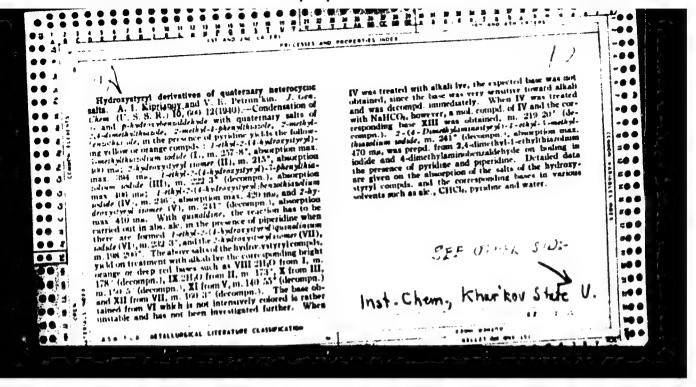


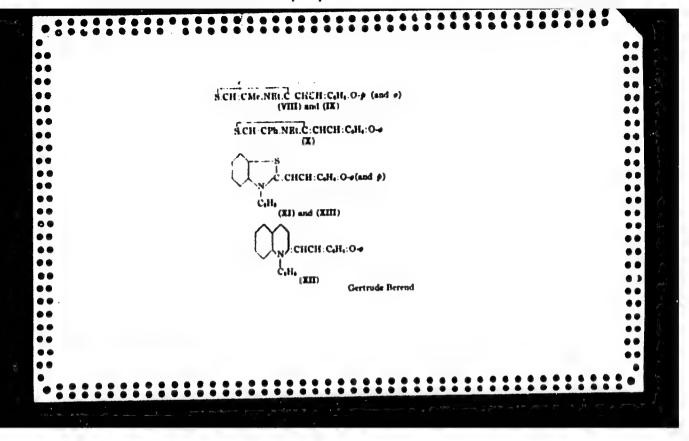


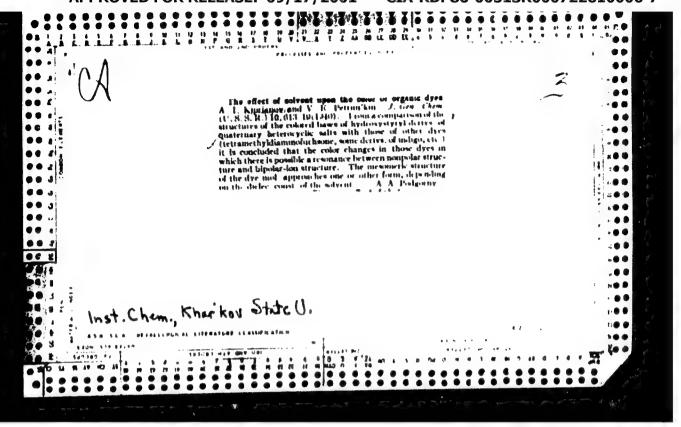


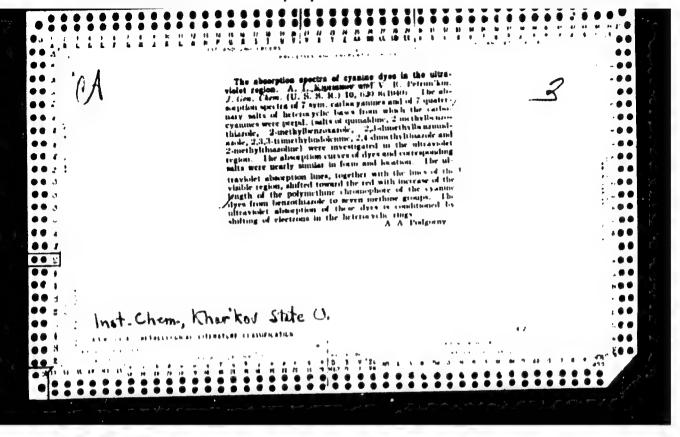


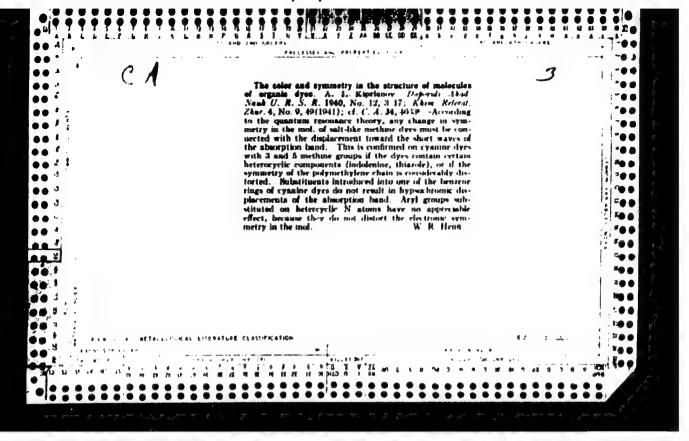


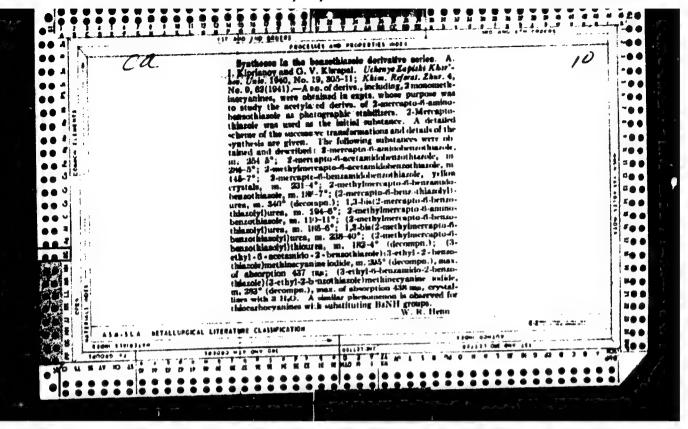


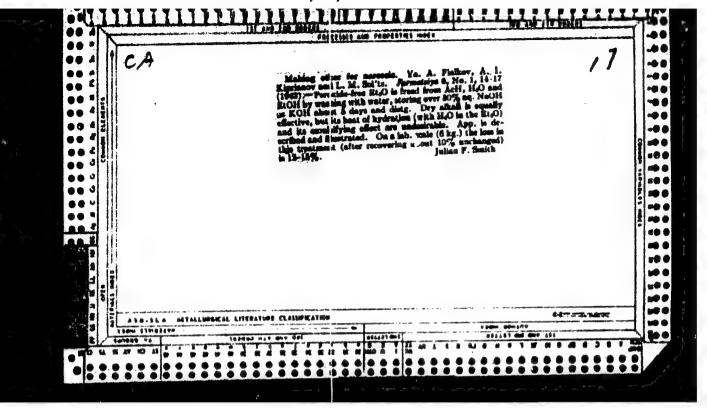


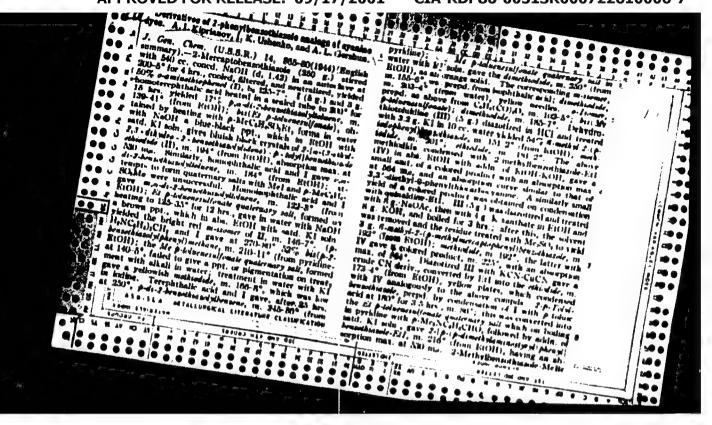


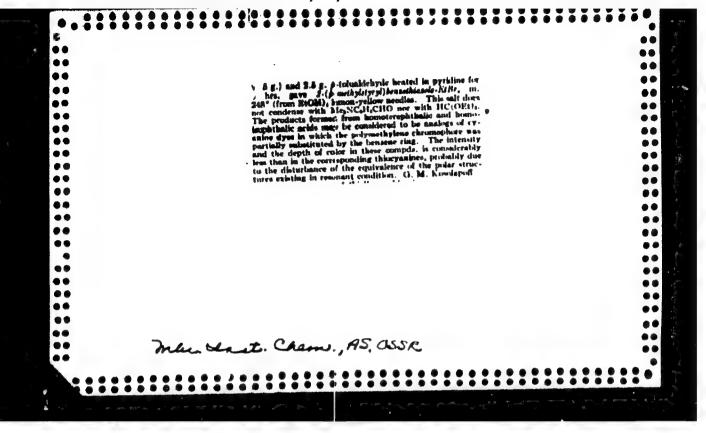




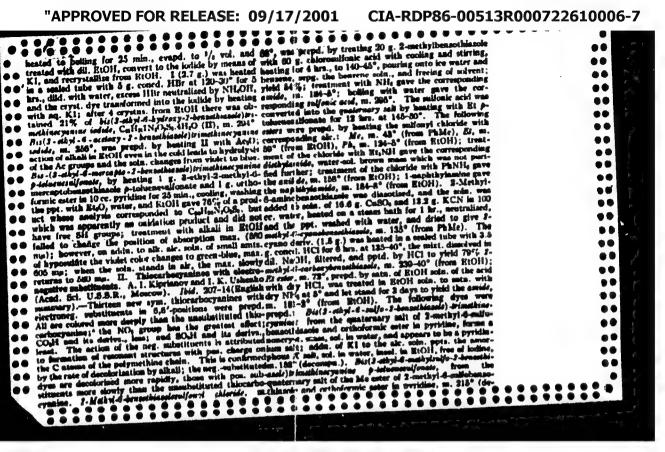


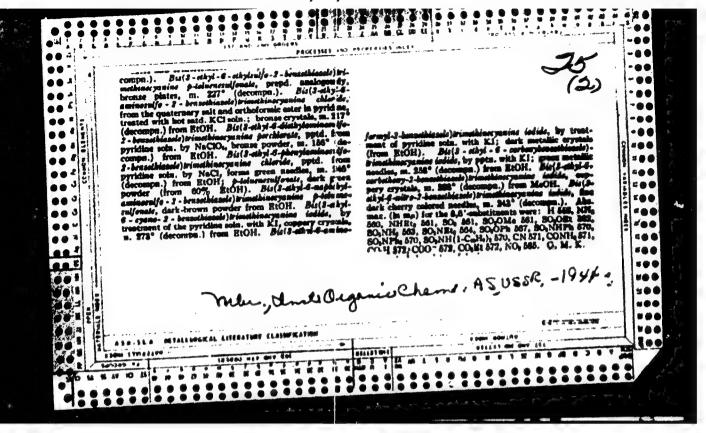






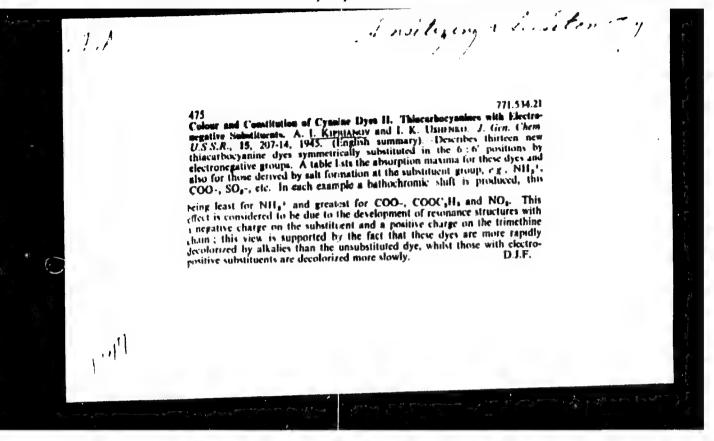


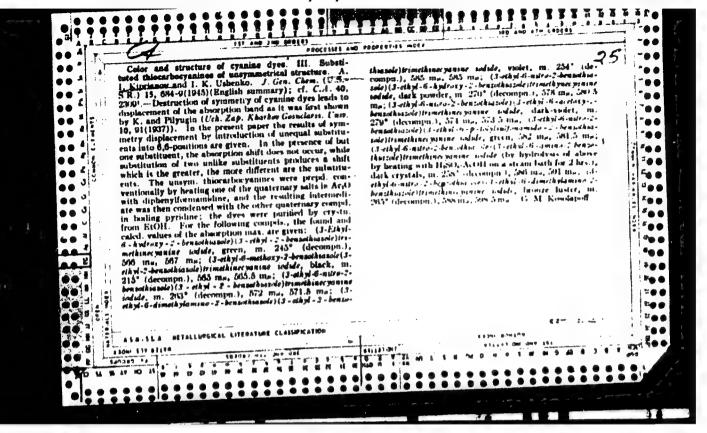


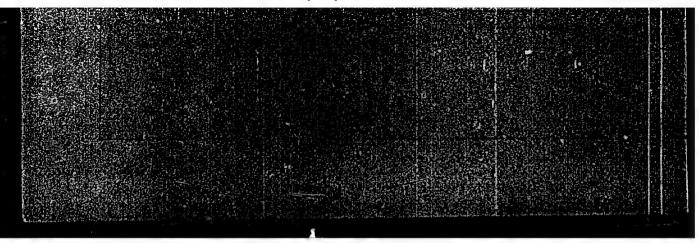


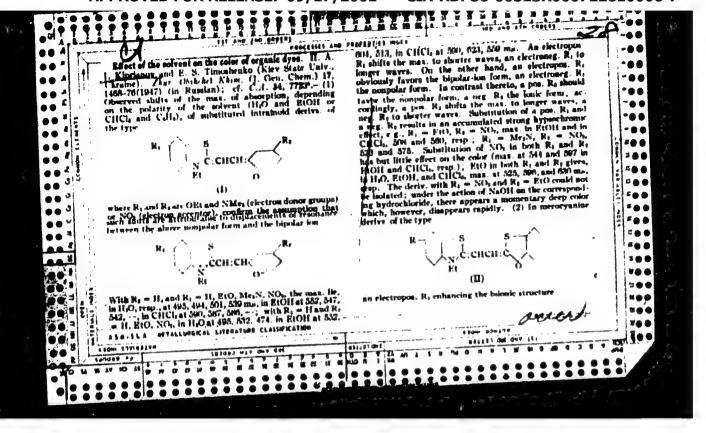
"APPROVED FOR RELEASE: 09/17/2001 CIA-R

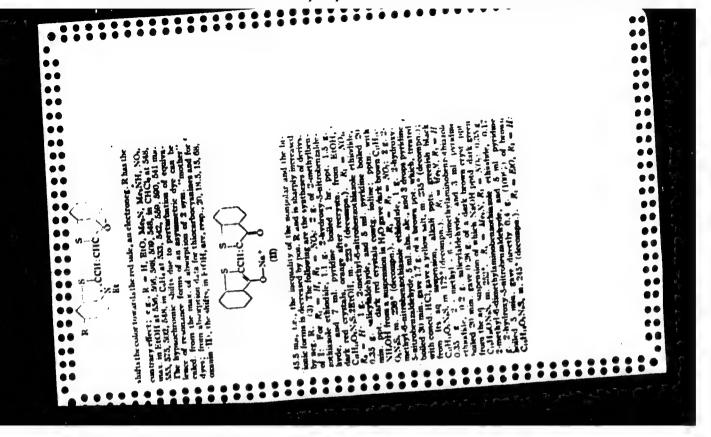
CIA-RDP86-00513R000722610006-7

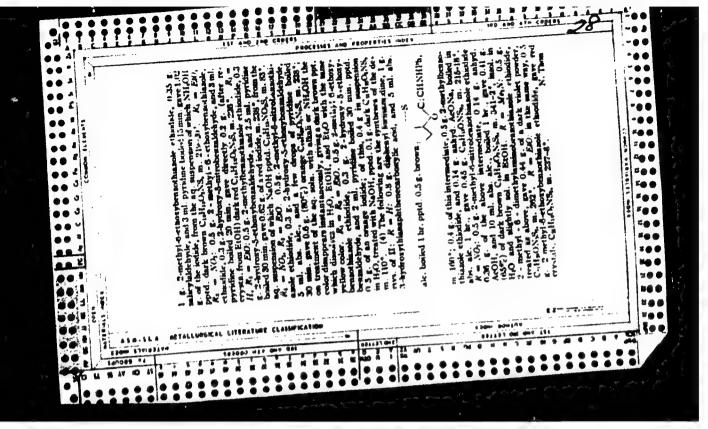








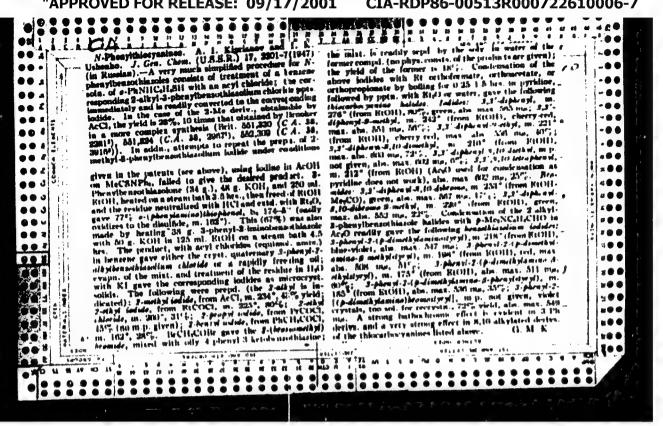




KIPRIANOW, A. I.

Kiprianow, A. I., and Ushenko, I. K.- \*Oxidation of the Quarternary Salts of Dibenzthiasolyl and Dibenzoxasolyl propane into Carbocyanines\* (p. 1542)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1947, Vol. 17, No. 8



```
Kirrianov, A. I. and Ross, Yu. S. "Synthesis of N-aligh-akrisomes", War. khir. zhurnal, 1942, I mue 1, p. 17-28, - Bibliog: 7 items.

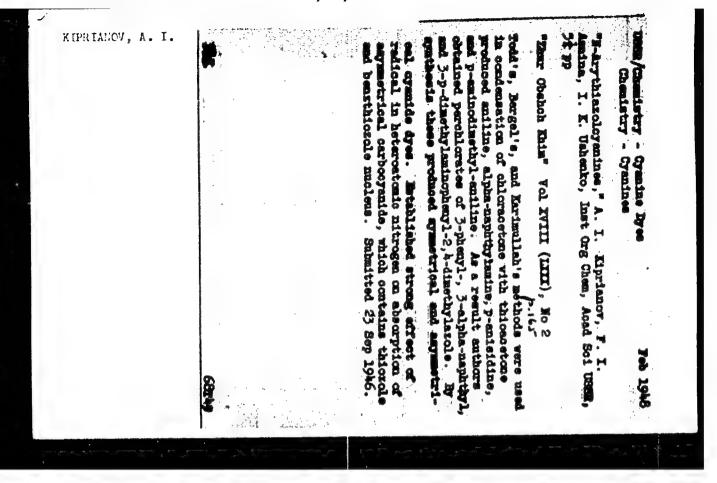
SC: U-3542, 11 Parch '3, (letopis 'nykh Statey, No. 10, 1949).
```

Kirrianav, A. I. and Fridman, S. G. "Quaternary heterocyclic ascrethire sult serivatives", Ukr. Ehlm. shurnal, 1942, Isrue 1, p. 29-44, - Billiog: If items.

SC: U-3002, 11 Farch 53, (letopis 'nykh Statey, No. 10, 1949).

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722610006-7



KIPRIANOV, A. I.

Author: Kiprianov, A.I.

Title: Electronic Theory in Organic Chamistry. 2 Revision diagro.

Date: 1949. Kiev

Subject: /. Ata & likiory 2. Electronics 3. Chemistry

Available: Licrary of Congress, Call Nos CN461. 1910

Source: Mb. of Cong. Subj. Cat., 1950

Synthesis of bense-1, 4-thiasine quaternary salts. Dep.AM URSR no.3:

(MIRA 9:9)

9-14 \*49.

1.Institut organichnei khimii AN UESR. 2.Diyaniy chlen AN URSR (for Kiprianev).

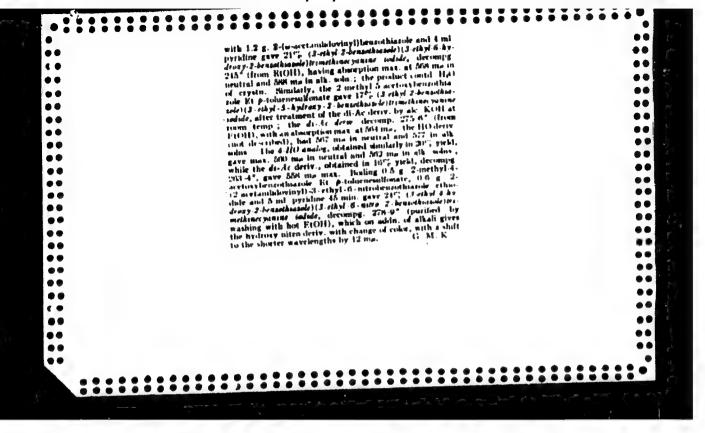
(Benzothiasine)

KIPRIANOV, A.I.; PAZERKO, Z.M.

Cyanine dyes and stryryls of the benzo-1, 4-thiazine series. Dop.AN URSR no.3:15-21 '49. (MLRA 9:9)

1. Institut organicheskei khimii AN URSR. 2. Diysniy chlen AN URSR (for Kipriyanov).
(Benzethiazine) (Cyanine dyes)



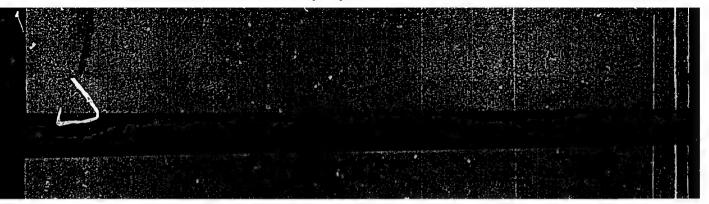


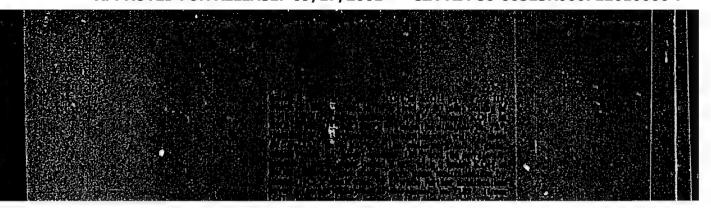
Synthesis of quaternary salts of benzothiasole. A 1. Kiprianov and Z. N. Parenho Zhue Obidekel Khim. (J. Cen. Chem.) 19, 1515–22(1919). Quaternary salts of benzothiazole derive, are readily obtained by the reaction of scyl halides with N-substituted \(\sigma\)-aminothiophenols. Addin of 0.8 g. AcCl in 2 ml. Calls to 1.39 g. \(\sigma\)-MeNH-CHSH (I) in 5 ml. Calls of 1.39 g. \(\sigma\)-MeNH-CHSH (I) in 5 ml. Calls of 1.39 g. \(\sigma\)-MeNH-CHSH (I) in 5 ml. Calls of 1.39 g. \(\sigma\)-MeNH-CHSH (I) in 5 ml. Calls to 1.39 g. \(\sigma\)-MeNH-CHSH (I) in 5 ml. Calls (I) (I) on 1.39 g. \(\sigma\) obtained on heating 1.30 g. I, 0 fig. AcOli, and 1 ml. coned. HCl 2 hrs. at reflux; 45% also results from 1.39 g. I, 0 53 g. AcNH<sub>0</sub>, and 2.6 ml. coned. HCl after 2 hrs. at 120% in a scaled tube, while substitution of EtOAc for AcNH<sub>2</sub> gave 45%. Similarly, AcCl and \(\sigma\)-EtOAc for AcNH<sub>2</sub> gave 45%. Similarly, AcCl and \(\sigma\)-EtOAc for AcNH<sub>2</sub> gave 45%. Similarly, AcCl and \(\sigma\)-HOLCHSH (II) gave 45% also results \(\sigma\)-Methodolome in \(\sigma\)-theorems (and 1.1 g. EtOOC) in Calls gave 78% 2 chhiberso-thiazolome in \(\sigma\)-theorems (II). I (1.4 g.) and 1.1 g. EtOOC) in Calls gave 78% 2 chhiberso-thiazolome in \(\sigma\)-theorems (Ac), in \(\sigma\)-theorem (Ac), in \(\sigma\)-theorems (Ac),

rolum todale, in 200 Tablorale, in 192 to I with C.H., COCI in Calla gave 60°1 2 pentode albematanisele Mel, in 331° (decompn.) (chlorale intermediate, in 200 to while II gave 10°6 of the contresponding ethicidele, it comp. 330° (the intermediate chlorale, in 205.7° (decompn.) and III gave 10°6 for possible whentethia reliam chlorale, in 251° (decompn.), and III gave 3 brand 2 pentale whentethia reliam chlorale, in 251° (decompn.), and III gave 10°6 2 be paides albematha to IIIaCO. Cl and I in 1430 ave 10°6 2 be paides albematha the Mel, decomp. 323°, from the corresponding chlorale in 200, while III gave 10°6 beauty hard 2 bepardes albematha observation of 30°, decomp. 30°, from the corresponding chlorale in 200, while IIIaCO (I gave 10°, from the corresponding chlorale, in 10°, beauty the control of the gave 30°, 2 beauty the first role Mel, while PhCII,COCI gave 50°, 2 beauty characterise Mel, without the Mel, without needles, in 100°. I and cHLCOCU parcolal PhMe gave 50°, 12°, bits (2°, beauty) which the Mel, without with K1 gave the dimethiolole, decomp. 310°, with distance of the ethicles mades, without early the own before

which forms the domethodale, red brown, decomp before melting, addn. of all de to the chlorale gave a yellow unfusible solal which has J times the click and we coding NoSs. Addin of 180g Jan 3 ml cells a 190g Juc III.

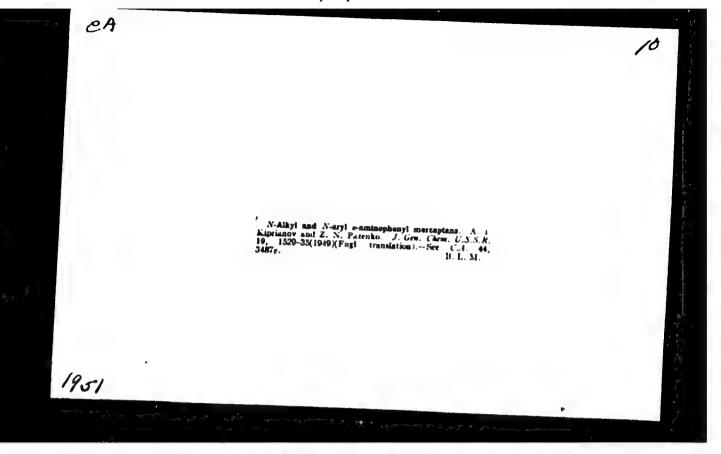
COUR in Calls and 0.5 hr is heating gave side [a formation methylibensothas sele-Medie, decomp. 197° (from 140), which is readily hydrodyzed by water and must be crystil, in the presence of IIII. ClCHCOCI in the above gave side [a first methylibensothas sele-Medi (after the usual treatment with K1), decomp. 200-3° (from E0011). Rethrang 1.39 J. 0.0 g. 92°, IICOM, and J ml. concel HCl, followed by treatment of the ppt, with aq K1, gave major headshasole Med. in 211° (from E0011).

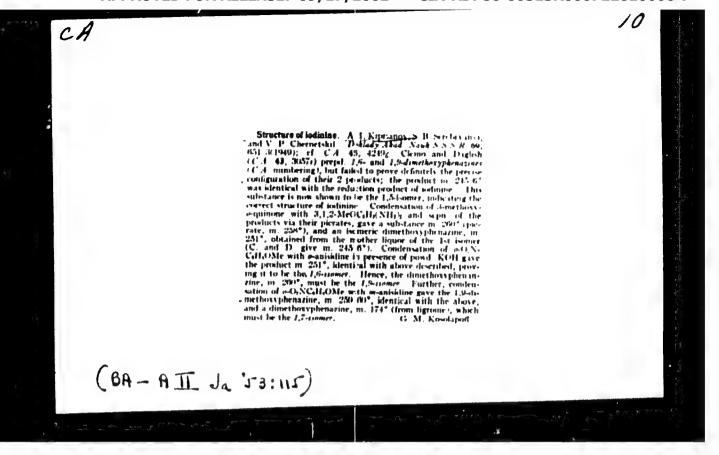




"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722610006-7







CA

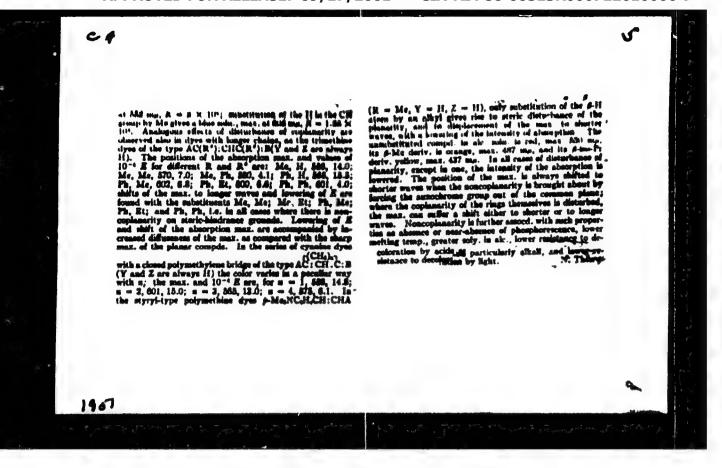
1151

Color and planarity of molecules of organic dyec. A. I. Kiprianov and I. K. Ushenko. Isosi. Abad. Nauk 5.5. S. R., Oddel. Khim. Nauk 1950, 492-800; cf. C.A. 414, 57533, 78375.—In org. dyes with Nhley as the auxochromogroup, substituents in an ortho position to the Nhley group

which, through steric hindrance, enforce a rotation of that group relative to the plane of the ring, and thus disturb the planearity of the mol., give rise to a decrease of the absorption of light and to a shift of the absorption max. to shorter waves. Hamples are p-{p-Me<sub>2</sub>NC<sub>6</sub>H<sub>2</sub>N:N}C<sub>6</sub>H<sub>2</sub>NO<sub>6</sub>, and

p-|(p-Me<sub>2</sub>NC<sub>6</sub>H<sub>6</sub>),C|:C<sub>6</sub>H<sub>6</sub>:Ne<sub>2</sub>NC<sub>6</sub>H<sub>6</sub>:N)C<sub>6</sub>H<sub>6</sub>NO<sub>6</sub>, and p-|(p-Me<sub>2</sub>NC<sub>6</sub>H<sub>6</sub>),C|:C<sub>6</sub>H<sub>6</sub>:NMe<sub>6</sub>, both without and with Me in ortho-position to the NMe<sub>2</sub> groups. Similar changes, attributable to a perturbation of the planarity of the molesa a result of substitution of 2H in the NH<sub>6</sub> group by 2Me<sub>6</sub>, and the corresponding increase of the size of the group, were found in the recently synthesised cyanine dys, ACH:CH-CH:B

(8) — Me, Y — Me, Z — NH<sub>3</sub>), which gives a blue sudness ale. (also uption man. 504 m<sub>3</sub>) but which, after substitution of the 2H is the 2NH<sub>3</sub> groups by 2Me, has a man at 875 m<sub>3</sub> and appears red-purple in ale, sudn. Here, curitary to the usual effect of a methylation of the NH<sub>3</sub>, the alternative to the usual effect of a methylation of the NH<sub>3</sub>, the shifts in shorter instead of to larger waves, and that as a result of the perturbation of planarity due to steek historiance, coplanarity of the NMe<sub>3</sub> group with the ring having become impossible. Substitution of H atoms for the Me groups in the rings has no effect on the absorption, whereas in the compile. Substitution of H atoms for the Me groups in the rings has no effect on the absorption man, by 33 m<sub>3</sub> to longer waves. Changes in the position of the absorption man, are also produced when the coplanarity of the chromophore system, i.e. of the conjugated aromatic or heterocyclic rings, is disturbed by the substitution, as in the substitution manner time complete the positions of the absorption man, in the substitution of the absorption man, in the substitution of the absorption man, in the substitution of the absorption coeff.: H, H, 425, 8.0; Me, H, 433, 8.1; Et, H, 435, 7.5; Pr, H, 426, 7.3; Ph, H, 420, 7.5; H, Me, 430, -7.4; H, H, 428, -7.4; Ph, H, 430, H, Me, Me, 466, 4.7; Rt, Me, 440, 4.2, Me, Rt, 456, 4.7. St., Me, Me, 466, 4.7; Rt, Me, 440, 4.2, Me, Rt, 456, 4.7. St., Me, Me, 466, 4.7; Rt, Me, 440, 4.2, Me, Rt, 456, 4.7. St., Me, Me, 466, 4.7; Rt, Me, 440, 4.2, Me, Rt, 456, 4.7. St., Me, Me, 466, 4.7; Rt, Me, 440, 4.2, Me, Rt, 456, 4.7. St., Me, Me, 466, 4.7; Rt, Me, 440, 4.2, Me, Rt, 456, 4.7. St., Me, Me, 466, 4.7; Rt, Me, 440, 4.2, Me, Rt, 456, 4.7. St., Me, Me, 466, 4.7; Rt, Me, Me, 466, 4.7; Rt, Me, Me, 466, 4.7; Rt, Me, 466, 4.8. Steric hindrance to copianarity is present only in the last 4 derive, and only these alone a shift of absorption to longer wave and a lowering of E. The noncopianarity of these 4 derive, manifests itself also in the low



CATALYST

Chemical Abst.
Vol. 48 No. 3
Peb. 10, 1954
Dyes and Textile Chemistry

Eventhesis of true from Michler's betwee and betweecycles containing an active motify? of methylene group.

O. M. Observed et and M. J. Rivchanov. Ulwain. Rhim.

Zhar. 16, 835-93 (1900) (in Russian) -- streaming? 1 g. 2-methylbensothianole and 1.07 g. Michler's betone (i) in 6 ml. Ac.O.

2 hrs. at 135-40°, followed by adds. of Rt<sub>2</sub>O, gave 11%

2-12.2-bls(p-dimethylom/hophenyl)pinyl]-insathianole methindide, red, decompg. 232°, abs. max. 530 mg (5.1 × 109);
the same dye formed in 28% yield from auramins and 2methylbensothianole methyl methosulfate. I and 2-methyl5-methoxybensothianole methyl methosulfate. I and 2-methyl5-methoxybensothianole methyl methosulfate gave similarly

6% f-[3,3-bis(p-dimethylom/nophenyl)pinyl]-5-methoxybensothianole mathiadide, m. 185°, abs. max. 535 mg (4.7 × 104).

I and 2-methyl-a-maphibothianole methyl methosulfate gave

7% f-[2,2-bis(p-dimethylom/nophenyl)pinyl]-6-mirrobensothiasola mathiadide, violet, decompg. 215°, abs. max. 535 mg

(8.1 x 104). I and 2-methyl-6-mitrobensothianole gave 1849,

3-[3,2-bis(p-dimethylom/nophenyl)pinyl]-6-mitrobensothiasola (accompg. 212°, abs. max. 54 mg (5 x 10°). Heating

0.57 g. 2.6-dimethylom/nophenyl/pinyl]-6-methylbensothianole

with 0.8 g. auramine 1 hr. at 140°, followed by 2 hrs. at

140°, after addin, of 4 ml. Ac.O.and.1 dron priviline, gave 21%,

3-[2,2-bis(p-dimethylom/henyl/pinyl]-6-methylbensothianole

ethyl ethosulfate treated as above there was formed 13%,

2-[2,2-bis(p-dimethylom/henyl/pinyl]-6-methylbensothianole

solidat, red, decompg. 272°, abs. max. 530 mg (6.1 x 10°).

Auramine and 2-methyl-6-methoxylvennothianole methyl

methosulfate gave 43% 2-[2,2-bis(p-dimethylenninophenyl)

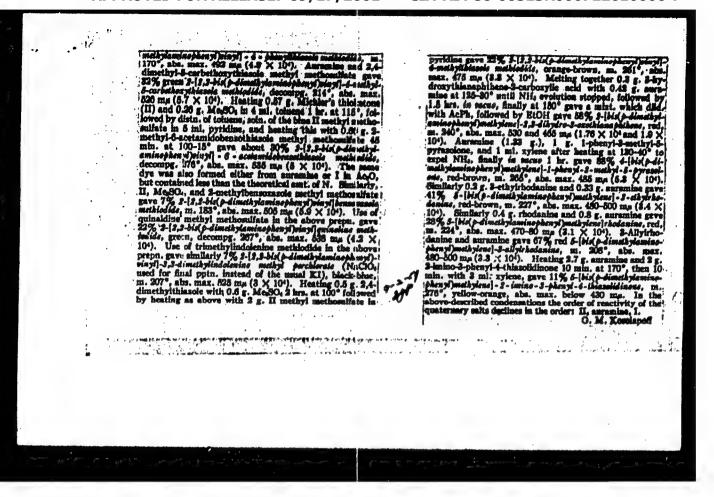
minus 380 mg (6 x 10°). Auramine and 8-methyl-bensyl

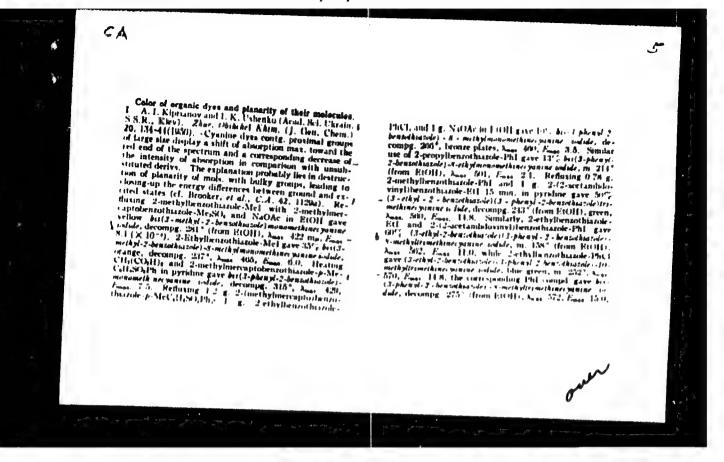
max. 580 mg (6 x 10°). Auramine and 8-methyl-bensyl

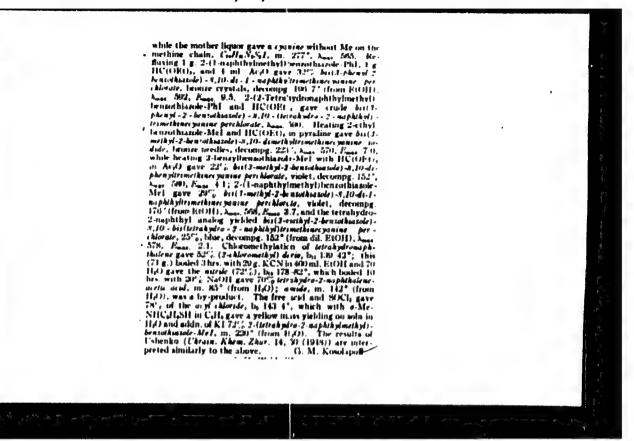
thianole methyl methosulfate gave 22% 3-[3,3-bis(p-dimethyl-bensyl)

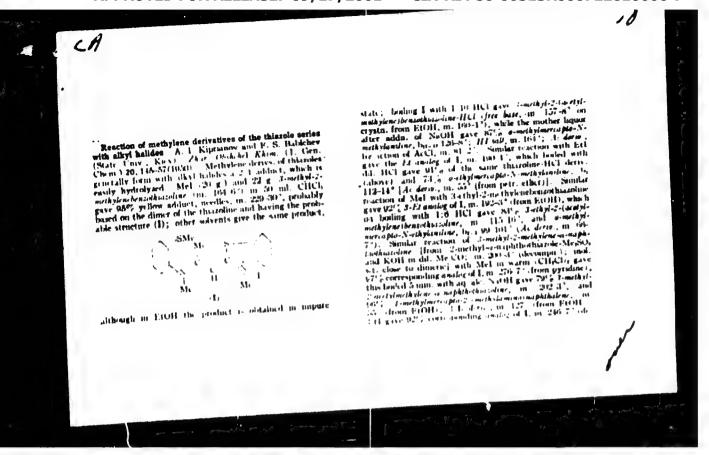
thianole methyl methosulfate gave 22% 3-[3,3-bis(p-dimethyl-bensyl)

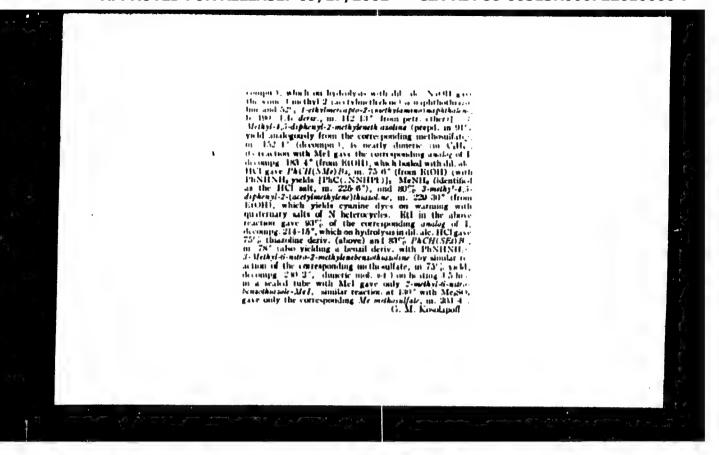
thianole methyl methosulfate gave 22% 3-[3,3-bis(p-dimethyl-bensyl)











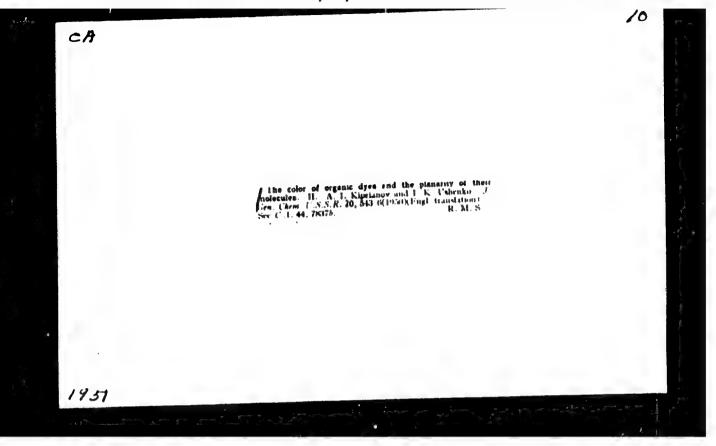
KIPRIANOV, A. IL

Kiprianov. A. I. & Babichev, F. S. - "Investigation in the field of hedroxy-fuchsone dyes. X. On the so-called tautomerism of hydroxy-triaryl-carbinols." (p. 15%)

SO: Journal of General Chemistry, (Zhurnal Obshchei Khimii), 1950, Vol. 20, No. 1

CA

planar structure of the benzene and the thiazole rings. The following max (in ma) and a were observed (R. R', R' riven). Ph, H, H (D, 540, 6.2  $\times$  10 % Ph, Me, H (D).



"Iodine Syn Acad. Sci.,	nthesis," Dkk	. AN.,	70, N	01 4, 195	O. Inst.	of Org.	Chem.,	Ukrainian	SSR
					•				
						,			

KII RIANCV A	Cyanin Dyes Containing Fluorine. I. Cyanin Dyes From Derivatives of 6-Fluorobensothiazol, A. I. Kiprianov, L. M. Yagupol'skiy, Chair of Org Chem, Kiev State U	Synthesized 2-methyl-6-fluoro- and 2-methyl- synthesized 2-methyl-6-fluoro- and their mercapto-6-fluorobenrothiazols and their quaternary salts. Obtained 11 thiocyanin quaternary salts. Obtained 11 thiocyanin dyes containing F as substitute in position, 6,	170728	UBSR/Chemistry - Photographic (Contd.)	in place of E. Showed this substitution has practically no effect on position of merimum absorption, as distinguished from Cl., Br., and I.		170rz8	
				orace prompt	* 7 7 7 6	and the second s	M. B. a. A. S.	* 1

CKSENGENDIER, G.M.; KIPRIANOW, A.I.

Gondensation of auramine with 2-aminothiazole derivatives. Ukr.khim.shur.
(MLRA 9:9)

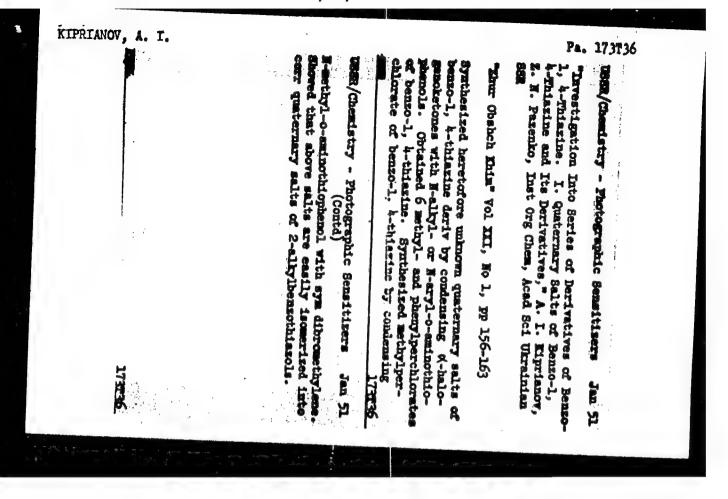
17 no.5:736-743 \*51.

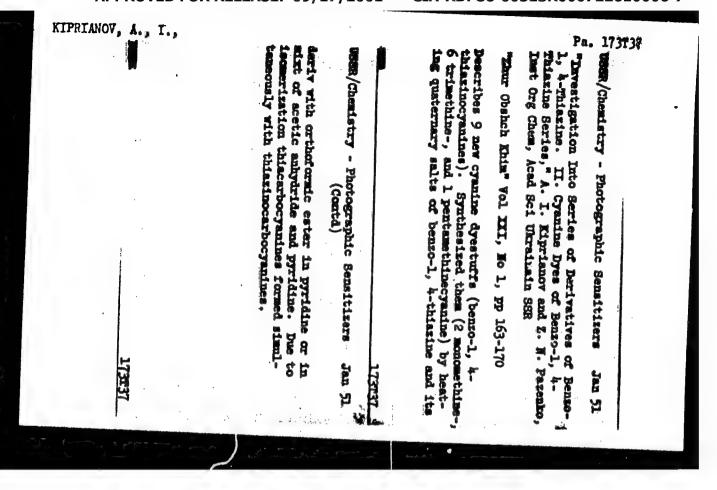
1.Institut organicheskoy khimii AN USSR.
(Auramine) (Thiasole)

OKSENGENDLER, G.M.; KIPRIANOV, A.I.

Condensation of  $\beta$ .  $\beta$ -bis( $\gamma$ -dimethylaminophenyl)-acrolein with heterocyclic compounds containing an active methyl or methylene group. Ukr.khim.shur.17 no.5:744-750 151. (MIRA 9:9)

1. Institut organicheskoy khimii AN USSR. (Acrolein) (Dyes and dyeing--Chemistry)





KIPRIANOV, A. T.	UBER/Chemistry - Photographic Sensitizers Jan 51 (Contd)  alhalis. Quaternary salts of benzo-1, 4-thissine and deriv not contg methyl group in 3 position condensed with aromatic aldehydes at methylene group in 2 position of thiszine ring.	*Threatigation Into Series of Derivatives of Benko-1, 4-Thiazine. III. Condensation of Quaternary Salts of Benzo-1, 4-Thiazine and Its Derivatives With Aldehydes, A. I. Eiprianov, A. E. Pawenko, Inst Org Chem, Acad Sci Ukrainian SSR *Zhur Obshch Khim* Vol XXI, No 1, pp 170-174  Condensed quaternary salts of 3-methylbenzo-1, 4-thiazine and certain deriv with p-dimethyl-sainobenzaldehyde in acetic anhydride to form coarr styryls, which are unstable to action of
		The state of the s

of He alcoholate on alk soln of iodomethylates of I and 2-methyl-6-dimethylaminobenzothiazule (II) and of II with different concus of H <sub>2</sub> SO <sub>h</sub> in soln. Absorption curves of II in alc soln increasing concus of H <sub>2</sub> SO <sub>h</sub> showed that salt of this base forms much more easily on amino group than on benzothiazole ring.	USSER/Chemistry - Thiscymnine Dyestuffs Nov (Contd)	Studied ultraviolet absorption spectra in alc solns of 2-methylbenzothiazole (I), its derive coutg amino groups on benzene rings, 2-ethyl-d-maphthothiazole, and a number of quaternary salts of benzothiazole derive. Detd absorption curves of 2 methylene bases formed under action 1942	Wiltraviolet Absorption Spectra of Benzothiazola perivatives," A. I. Kiprianov, Iu. S. Rozum, Inst of Org Chem, Acad Sci USSR "Zhur Obshch Khim" Vol XXI, No 11, pp 2038-2045	ussa/Chemistry - Thiacyanine Dyestaffa Bov 51 Benzothiazole Derivatives
		(Contd) (Contd	Sept pa de la bara	A. I. Kiprianov, Iu. S. Rozum, A. I. Kiprianov, Iu. S. Rozum, A. I. Kiprianov, Iu. S. Rozum, A. A. I. S. Rozum

KRAVCHENKO, V.M.; PASTUKHOVA, I.S.; KIPRIANO7, A.I., diyenyy chlen.

Indol in binary systems binuclear compounds. Dop.AN URSR no.3:193-200 '52, (MLRA 6:9)

1. Akademiya nauk Ukrayins'koyi ESR (for Kiprianov). 2. Donets'kyy industrialnyy instytut im. M.S. Khrushohova (for Kravchenko and Pastukhova).

(Indol)

```
HORBAN', A.K.; KIPRIANOV, A.I., diysnyy chlen.

Acetaldehyde alkyl-A-chlorethyl acetals. Dop.AN URBR no.3:201-204 '52.
(MIRA 6:9)

1. Akademiya nauk Ukrayins'koyi RSR (for Kiprianov).

(Acetals)
```

HORBAN', A.K.; KIPRIANOV, A.I., diyenyy chlen.

Action of an alcoholic solution of alkali on \( \beta\)-chlorethyl acetals of acetal-dehydes. Dop.AN UEER no. 3:205-207 '52. (MLRA 6:9)

1. Akademiy's nauk Ukrayins'koyi RSR (for Kiprianov). (Acetals)

1.	V T	tota	VA	NOV.	. 4	Ŧ
1.	$\mathbf{L}\mathbf{L}$	111	LA	NO V	. //	

- 2. USSR (600)
- 4. Chemistry, Organic
- 7. The second conference of the Ukrainian republic on organic chemistry, Ukr.khim.zhur. 18 no. 1, 1952.

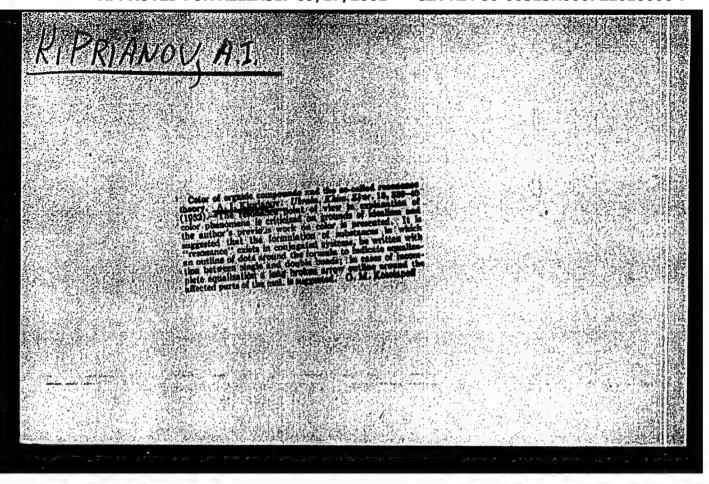
9. Monthly List of aussian Accessions, Library of Congress, APRIL 1953, Uncl.

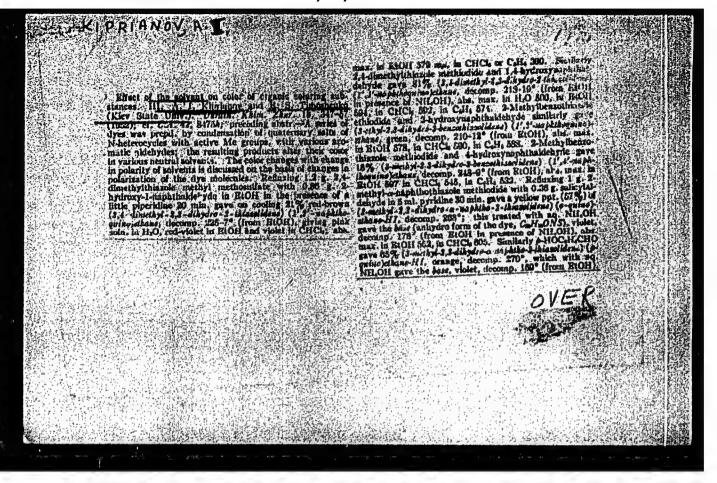
KIFRIANCY, A. I.; PAZENKO, Z. I.

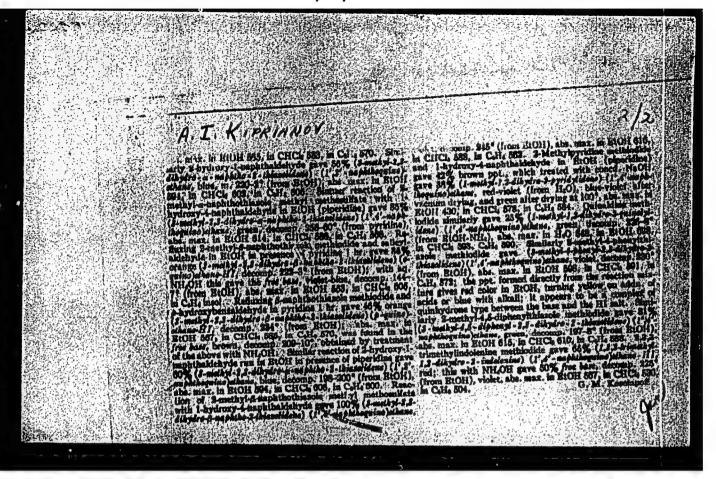
"Scientific Records of the A.M. Gor'kii State University in Kharkov. Vol. 38.
Transactions of the Scientific Research Chemical Institute. Vol. 9" Reviewed by A. I. Kiprianov, Z. N. Pazenko, Ukr. khim. zhur. 18 no. 3:335-336 '52.

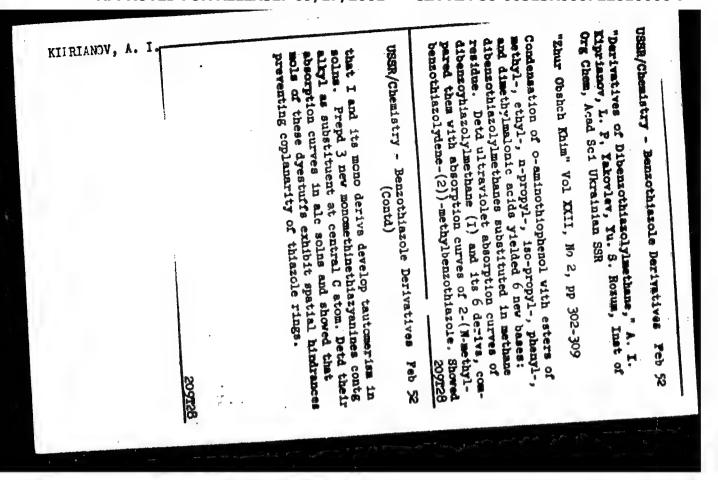
(MIRA 6:0)

Institut organicheskoy khimii Akademii nauk Ukrainskoy SSR. (Chemistry--Periodicals)





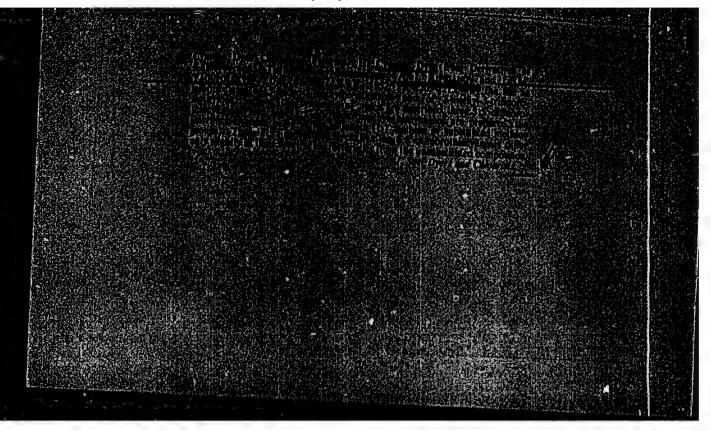


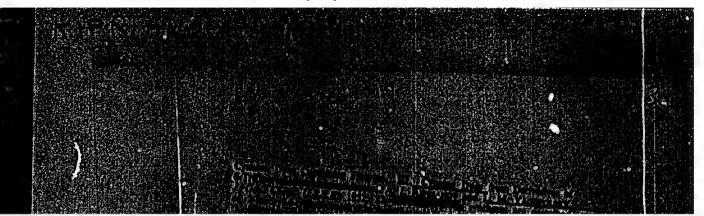


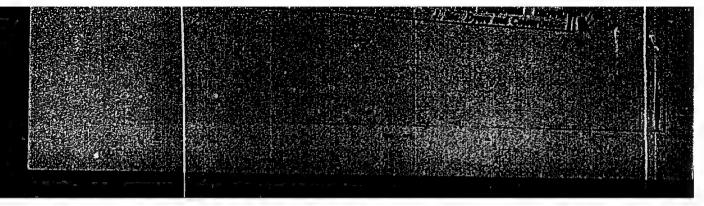
- 1. CHERNETSKIY, V. P., KIPRYANOV. A. I.
- 2. USSR (600)
- 4. Phenazines
- 7. Synthesis of N-oxides of phenazine derivatives. Part 1. Nono-N-oxides of alkoxyphenazines. Zhur. ob. khim., 22, no. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000722610006-7







PA 22/T10

KIPRIANOV, A. I. USSE/Chemistry - Dyestuffs Ukrainian SSR I.M. Zhanrova, Inst of Org Chem, Acad Sci Riprianov, Acting Mem Acad Sci Ukrainian SSP zene Ring and Its Auxochromic Action, " A.I. "Coplanarity of Dimethylamine Group With the Benof a methyl or ter-butyl group in the ortho position max to the long-wave region. position to the amino group were studied. The cancel the effect of dimethylamino groups on the region. tion has little effect, but a dimethylamino group 227110 amino group itself strongly shifts the absorpcolor of dyestuffs. methyl or ter-butyl group into the ortho posithe extinction max sharply, but introduction of wave region. The dimethylamino group alone lower shifts absorption max by 33 m/m into the shortyanine dyestuffs contg radicals in the ortho "Dok Ak Hauk SSER" Vol 85, No 4, pp 789-791 whift of the absorption mex to the short-wave tion results in a growth in Thus the voluminous hydrocarbon radicals extinction with a Introduction 1 Aug OTILIZE X

KIPRIANOV, A.I.; STOLYAROV, N.Z.

2-benzothiazolylacrylic acid and its derivatives. Ukr.khim.zhur.
19 no.1:57-60 \*53. (MLRA 7:4)

1. Kiyevskiy gosudarstvennyy universitet im. T.G. Shevchenko, kafedra organicheskoy khimii. (Acrylic acid)

KIPRIANOV. A.I.; KROSHCHENKO, M.M.

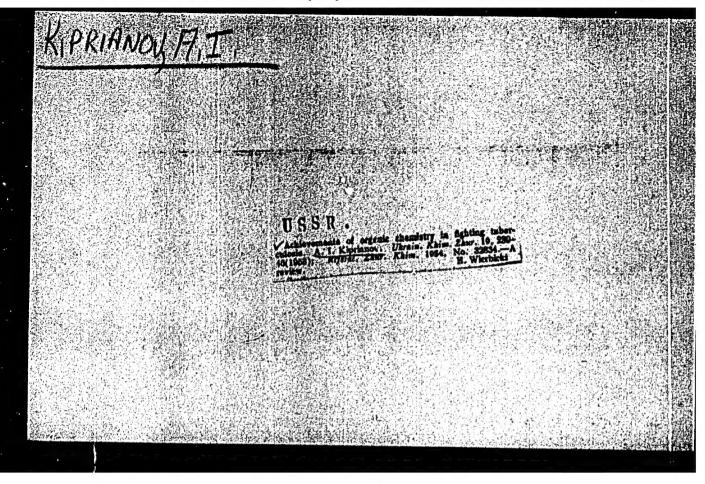
Synthesis of 1.2-bensophenazine derivatives. Ukr.khim.zhur. 19 no.1:73-80 \*53. (MLRA 7:4)

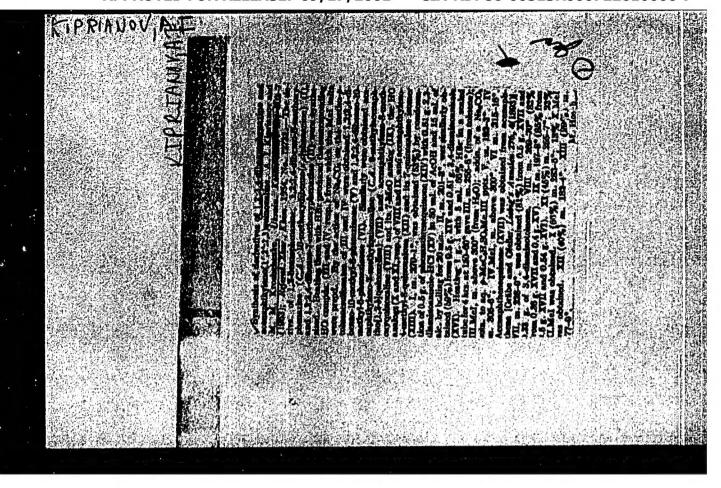
1. Institut organicheskoy khimii Akademii nauk USSR. (Phenazine)

KIPRIANOV, A.I.; POCHINOK, V.Ya.

2-aminomethylbenzothiazole. Ukr.khim.shur. 19 no.2:165-168 \*53. (MIRA 7:4)

1. Kiyevskiy gosudarstvennyy universitet, kafedra organicheskoy khimii. (Thiasole)





KIPRIANOV, A.I.

"Organic chemistry." E.C.Khotyns'kyi. Reviewed by A.I. Kypryanov. Ukr.khim.shur. 19 no.4:461-462 '53. (MIRA 8:2) (Chemistry, Organic) (Khotyns'kyi, E.S.)

